

19990529.qrp v01_n472.qrl.990529

Date: Sat, 29 May 1999 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1472

QRP-L Digest 1472

Topics covered in this issue include:

- 1) [41590] 2N22/40 Audio Transformers
by Chuck Adams <adams@ticnet.com>
- 2) [41591] LDG tuner strange behavior
by "John Zaruba Jr" <jzaruba@snip.net>
- 3) [41592] BM-15 / FB-15 / Sterba Curtain
by S LYON <sslyon@worldnet.att.net>
- 4) [41593] Too clever to miss
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 5) [41594] Re: Too clever to miss
by "Robert P. Okas" <vintage@best.com>
- 6) [41595] Re: Problems with NorCal
by Jay Bromley <w5jay@alltel.net>
- 7) [41596] ft smith qrp club kit
by "ke5tc" <ke5tc@crosstel.net>
- 8) [41597] What portable antenna??
by Duane Alles <w9zm@yahoo.com>
- 9) [41598] Audio Transformer for 2N2/40
by Bob Hightower <ki7mn@extremezone.com>
- 10) [41599] Re: 2N22/40 Audio Transformers
by Tim Ahrens <tahrens@hilconet.com>
- 11) [41600] Re: Audio Transformer for 2N2/40
by "Paul Harden, NA5N" <na5n@rt66.com>
- 12) [41601] Re: 2N22/40 Audio Transformers
by "Paul Harden, NA5N" <na5n@rt66.com>
- 13) [41602] Re: Help with QRPp subscription
by guillotstutoring@juno.com
- 14) [41603] Re: WPX
by "Al Gritzmacher" <ae2t@localnet.com>
- 15) [41604] Distributor of QRP-L Archive in Spain/Europe
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
- 16) [41605] Re: 2N22/40 Audio Transformers
by PDouglas12@aol.com
- 17) [41606] Re: What portable antenna??
by Bill B Lazure <n2tpa@juno.com>
- 18) [41607] NC-20 muting/sidetone mods
by Joseph Trombino Jr <joebarb@wilmington.net>
- 19) [41608] Long wire ant help

- by vlantz@juno.com
- 20) [41609] Re: according to MY log...
by Bruce Rattray <rattray@gpfn.sk.ca>
 - 21) [41610] QRM
by wd9eyb@butler.indiana.net
 - 22) [41611] QRP ARCI Awards
by radioham@erols.com
 - 23) [41612] Re: another Father's Day gift
by "John Russell" <longjohn@qconline.com>
 - 24) [41613] GAP super "C" ?
by James Skalski <jskalski@localnet.com>
 - 25) [41614] Re: ARRL Wire Classics
by "John Russell" <longjohn@qconline.com>
 - 26) [41615] Spring Bucket of Flowers
by hamjoel@juno.com
 - 27) [41616] FS: Gusher Antennas
by Joe Everhart <n2cx@voicenet.com>
 - 28) [41617] Re: GAP super "C" ?
by "Paul Christensen" <paulc@mediaone.net>
 - 29) [41618] Re: QRP ARCI Awards
by Larry Cahoon <wd3p@juno.com>
 - 30) [41619] 10-meter SSB rig recommendations
by Lee Hopper <leehop@uswest.net>
 - 31) [41620] Re: Long wire ant help
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 - 32) [41621] Re: ARRL Classics
by Ray Colbert <af852@rgfn.epcc.edu>
 - 33) [41622] 440 Cavity-help
by David Shalita <af389@lafn.org>
 - 34) [41623] Re: NC-20 muting/sidetone mods
by "Dave Fifield" <fifield@pacbell.net>
 - 35) [41624] Frozen Mouse
by George F Franklin <w0av@juno.com>
 - 36) [41625] FW: GAP super "C" ?
by "George Goodroe" <goodroe@worldnet.att.net>
 - 37) [41626] Adventure Radio Society
by malman@world.std.com (Joel Malman)
 - 38) [41627] Re: 10-meter SSB rig recommendations
by Fred Lesnick <flesnick@tbaytel.net>

Date: Fri, 28 May 1999 18:10:15 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [41590] 2N22/40 Audio Transformers
Message-ID: <3.0.3.32.19990528181015.0068ae8c@pop3.ticnet.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Gang,

John, N5INZ, gave me about 100 Mouser TM008 audio transformers. These are 800 ohm : 8 ohm CT both sides. See the catalog for the description.

If Jim can mod his circuit to work with these then I'll see if the gang in AZ can distribute these. The whole bunch is pretty heavy and will cost some postage (a lot) to mail out.

I'll post when/if they become available through the AZ group if they can work for this project.

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Fri, 28 May 1999 21:29:24 -0400
From: "John Zaruba Jr" <jzaruba@snip.net>
To: <qrp-l@lehigh.edu>
Subject: [41591] LDG tuner strange behavior
Message-ID: <005901bea972\$af85cce0\$215bccd1@p2box>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm using an LDG AT-11 with my IC-706 (Qrp of course) and the Better RF tuning module and I have noticed some peculiar behavior from the tuner...

Mostly, it will tune a band (let's say 40 meters) and if I jump to another band, tune, then jump back to 40 and re-tune, the AT-11 may not find a match the second time around. By the way the antenna in question is a Hustler 6BTV. When I built the kit I was in a hurry for a power cord with a cigarette lighter plug on it, and I had a few cell phone power cords lying around, so I cut the end off one and attached a coaxial power connector. The

former cell phone power cord is tightly coiled, and I think the coil may be picking up RF and introducing it into the tuner's PIC.

Any thoughts?

72/3 de John AA2BN

Date: Fri, 28 May 1999 21:30:23 -0400
From: S LYON <sslyon@worldnet.att.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41592] BM-15 / FB-15 / Sterba Curtain
Message-ID: <374F432F.6DB32B1A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hmmm... just working on an NN1G GM-15, Steve, but am now interested in the FIREBALL-15 version too, if you'd be good enuff to post your results. As you may know I'm working on major antlers to stretch the reach of these lo-pwr rigs and I've got a 15M Sterba Curtain just itching to go in my clandestine Hudson river site. At my old QTH (CT) I worked VK4 2x QRP ssb with 4 watts with the Sterba. If anyone in the drivable area has a great HF site and is interested in a weekend day/evening Sterba experience, let me know and we'll sched an event.

Steven Weber wrote:

>
> Looking a little deeper into these things, turns out they are PLL
> based and may not be available in all frequencies. Looks like
> 100 Hz steps to me, infering from the data sheet page Adam just sent
> me and even the 50 ppm tolerance parts gives them some leeway. No
> mension of jitter or phase noise, which might be marginal for some
> applications.
>
> Never the less, for the price and flexible choice of frequencies,
> these will be very handy. I'm thinking FB-15 myself...
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 29 May 1999 11:37:49 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41593] Too clever to miss
Message-ID: <374F44ED.9038637F@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Not QRP related, but even if you are not a Star Wars fan this recreation of the movie using ASCII characters only has to be seen to be believed. Incomplete but well worth a visit.

I constantly marvel at the sheer imagination and talent of some people. I must have been behind the door.

<http://www.fortunecity.com/tatooine/lucas/339/page1.html>

Cool and unreal - oh well I'm off to a steak and claret barbecue next door. Sorry

cu

Ian

Date: Fri, 28 May 1999 19:45:38 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: "Ian C. Purdie" <purdic@integritynet.com.au>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41594] Re: Too clever to miss
Message-ID: <Pine.BSF.4.10.9905281944090.27899-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Ian,

I can't stop laughing!! Somebody has *way* too much time on their hands!!

73,
Bob - W3CD

Date: Fri, 28 May 1999 22:30:13 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41595] Re: Problems with NorCal
Message-ID: <374F5F45.9F94FFDC@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Jeffrey L. L. Greer" wrote:

>
>Doug for President in 2000!

That would be the only Demo-rista-Crat I would vote for---Sorry Doug I
couldn't let that one pass and I owed you that one, heeheeeee.

73 de w5jay..

> Thanks es 72, Jeff

>

>

> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
> or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 28 May 1999 22:30:28 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41596] ft smith qrp club kit
Message-ID: <000a01bea983\$99e84aa0\$fa6c1ece@ke5tc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

qrp group:

I just finished the ft smith qrp club kit this afternoon. It took me about 30 minutes to put it together. I don't have the electronics background needed to do it in 10 min. like Jay w5jay. It does work. I don't have a freq counter (yet) and calibrated it as per chucks instruction sheet using my kenwood ts440 tuned to wwv. Of course any rcvr that will tune wwv will work.

disclamers not in effect on this post as I am member of ft smith qrp group.
(g) Hope to see you all at HamCom
72 de ke5tc

Date: Fri, 28 May 1999 20:30:42 -0700 (PDT)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [41597] What portable antenna??
Message-ID: <19990529033042.722.rocketmail@web502.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello everyone,

I'm going on a business trip to the S.F. Bay area and plan to take my HW-9 w/ warc bands, MFJ 971 tuner& gel cell power pack. I'd like to get comments on antenna's that I could use in a hotel room. I'm going to assume I will have to keep it inside the room.

Lets hear some comments.

72/73
Duane, W9ZM

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 28 May 1999 21:42:15 -0700

From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [41598] Audio Transformer for 2N2/40
Message-ID: <199905290435.VAA03609@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Circuit Specialists <http://www.web-tronics.com> has the correct transformer. The part number is 42KM003, and the price is 1.69 each, 1.50 for ten to 99, 1.35 for 100 or more.

No, I'm not interested in doing a group buy :^). Got enough to do to get the boards out.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Fri, 28 May 1999 23:40:36 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: adams@ticnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41599] Re: 2N22/40 Audio Transformers
Message-ID: <374F6FC4.89BA3802@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I noticed that Dan (Dan's parts) has a 1k ct to 8 ohm for \$2.50.

That's not too far off of the 1200 ohm

cuall

Tim W5FN

Date: Fri, 28 May 1999 23:24:59 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [41600] Re: Audio Transformer for 2N2/40
Message-ID: <Pine.SUN.4.10.9905282315400.2476-1000000@shell.rt66.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I used an audio transformer from Radio Shack in mine. Unfortunately, I didn't record the part number, but seems it was exactly the 1200 ohm primary/8 ohm secondary that Jim recommends. Sounds good just running an audio oscillator into the amplifier input.

I only have the front-end filters/RF amp, and the audio part done. I was thinking about using some MiniCircuits LMX-113 mixers I have a handful of. Unlike the SBL series, these are "flat pack" mixers with 4 leads on each side about an inch long ... making them ideal for the Manhattan/pad style of construction. (The center 2 pins on each side are the grounds). I'm hoping to get back on it after HamCom. I'd like to have Preston assign me a 2N2/40 certificate number less than 100! Or maybe I could strive for #2222?

72, Paul NA5N

Date: Fri, 28 May 1999 23:30:47 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Tim Ahrens <tahrens@hilconet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41601] Re: 2N22/40 Audio Transformers
Message-ID: <Pine.SUN.4.10.9905282325370.2476-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 May 1999, Tim Ahrens wrote:
> I noticed that Dan (Dan's parts) has a 1k ct to 8 ohm
> for \$2.50.
>
> That's not too far off of the 1200 ohm

You know ... you could wind one on a 35-mm film can to match your regen radios. I bet you could do it under 10,000 turns! I'll have to do the math on that later.

Sorry for the sacrilege, Jim :-)

72, Paul NA5N

Date: Sat, 29 May 1999 01:45:19 -0500
From: guillotstutoring@juno.com
To: qrp-l@Lehigh.EDU
Subject: [41602] Re: Help with QRPP subscription
Message-ID: <19990529.014524.-822555.1.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am having a similar problem. I have been waiting since January for anything.

On Wed, 26 May 1999 08:10:18 -0400 "Richard E. Robinson"
<rerobins@email.uncc.edu> writes:
>Could someone let me know who at Norcal I should contact regarding my
>membership/subscription? I subscribed back in December but have not
>received my Winter QRPP although I did receive my welcome letter in
>January.
>
>Email to 2 Norcal folks about this has gone unanswered.
>
>Thanks and 72/73,
>
>Rick kf4ar
>
>

Ed Guillot, N5ED
New Orleans, LA
qrp-l#1951

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 29 May 1999 03:36:29 -0400
From: "Al Gritzmacher" <ae2t@localnet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [41603] Re: WPX

Message-ID: <01bea9a5\$fbd830a0\$0100a8c0@Localnet.localnet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike Boice wrote:

At 11:12 99/05/24 -0700, Ron wrote:
>Don't forget that this weekend is the CQ WPX CW contest.
Ah.....now I see why you're mentioning the contest - you hold the
CW Single Op All Band record! Looking for competition, eh? ;-)

Not competition, he's looking for fodder!

72,

Al AE2T

Date: Thu, 27 May 1999 05:42:01 -0700
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: qrp-l@lehigh.edu
Subject: [41604] Distributor of QRP-L Archive in Spain/Europe
Message-ID: <374D3D99.4735@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

For those of you in SPAIN, or even Europe (although they will be more folks doing the same in other countries), the QRP-L Archive CD-ROM is coming my way, and I will be (re)distributing copies soon after fixing the naming errors.

Following the guidelines from Chuck K5FO, and after seeing some adjustments can be made (US\$10 in the US /CDN\$10 in Canada), you have two choices:

A) Send me a blank CD-ROM (sorry no CDRW) with a mailer and enough stamps to cover return postage. A label will be appreciated and an email address will provide you with a confirmation of reception/delivery. I burn the CD and return it.

B) Send me US\$10 (in Spain 1000 pesetas) and I will take care of

everything (buying CD and mailer, burning the CD and mailing it to your address). Self-addressed label and email address are gladly welcome too. When possible I will try to use the special URE's 50th anniversary stamp.

Please let me know if you have friends that will like a copy of the CD. I may have a little surprise for you.

Address is:

Jon Iza
A. Gasteiz 48-7
E-01008 Vitoria
Spain

email: <mailto:ea2sn@arrl.net>

Be well. And have fun with the contest.

--

jon, ea2sn

★ Goza de tu poco, mientras busca mas el loco ★

Date: Sat, 29 May 1999 09:47:14 EDT
From: PDouglas12@aol.com
To: tahrens@hilconet.com, qrp-1@lehigh.edu
Subject: [41605] Re: 2N22/40 Audio Transformers
Message-ID: <cb1de540.248149e2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tim and gang,

I used the Dan's audio transformer, and it works very well. Since the transformer is center tapped on both sides, you just have to distinguish the 8 ohm from the 1000 ohm windings, which you can do with an ohmmeter--the higher resistance is the 1000 side, of course. Easy as pie, and I would again note that you can build a 2N2/40 without going beyond Dan's Small Parts and Tech America, especially with Jim Kortge selling matched sets of crystals, and Chuck also selling sets. Note, that Chuck's crystals need slight adjustment of the VFO, perhaps, but that shouldn't be very hard--a few turns removed from the VFO coil should do it.

72,

Preston WJ2V

Date: Sat, 29 May 1999 09:49:00 -0400
From: Bill B Lazure <n2tpa@juno.com>
To: w9zm@yahoo.com
Cc: QRP-L@Lehigh.edu
Subject: [41606] Re: What portable antenna??
Message-ID: <19990529.100249.6998.2.N2TPA@juno.com>

Duane,

In a pinch, I've had success with small multi-turn loops. Put 2 or 3 turns of wire on a frame about 18" to 24" across. Tie a variable cap in parallel with the ends of the large loop. Place a smaller one turn loop inside the larger loop, and put your connector on the ends of the smaller loop. Tune the cap for highest receive noise. Fiddle with the size and positioning of the smaller loop until you get a reasonable match.

Efficiency of this type of antenna is pretty poor, but it does get out!

Also, I once effectively tuned a downspout on a dormitory I lived in. Just find a large piece of metal, and give it a try!

73,

Bill
W2EB

On Fri, 28 May 1999 20:30:42 -0700 (PDT) Duane Alles <w9zm@yahoo.com> writes:

>
>Hello everyone,
>
>I'm going on a business trip to the S.F. Bay area and plan to take my
>HW-9 w/ warc bands, MFJ 971 tuner& gel cell power pack. I'd like to
>get
>comments on antenna's that I could use in a hotel room. I'm going to
>assume I will have to keep it inside the room.
>
>Lets hear some comments.
>
>72/73
>Duane, W9ZM
>

>-----
>Do You Yahoo!?
>Get your free @yahoo.com address at <http://mail.yahoo.com>

>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 29 May 1999 11:13:59 -0400
From: Joseph Trombino Jr <joebarb@wilmington.net>
To: QRP-L@LEHIGH.EDU
Subject: [41607] NC-20 muting/sidetone mods
Message-ID: <3.0.1.32.19990529111359.006a052c@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fellow QRP'ers: After building the NC-20 and doing the AGC mods, I have found that the TiCK keyer sidetone leaves much to be desired. Believe the original NC-20 (before the AGC mods) allowed the operator to monitor the actual transmitted signal, thereby providing a pleasant sine-wave sidetone.

Has any NC-20 user come up with a mod that retains the AGC modification but allows monitoring of the transmit signal?? Believe this would require "un-muting" the product detector. Any ideas out there to try???

Regards, Joe W2KJ (North Carolina)

Date: Sat, 29 May 1999 10:10:28 -0500
From: vlantz@juno.com
To: nogaqrp@qth.net, qrp-l@Lehigh.EDU
Subject: [41608] Long wire ant help
Message-ID: <19990529.101030.-119833.0.VLantz@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a long wire about 65ish feet long and a counterpoise wire of 32 feet run out my window on the second floor of the house to the ground. It is just laying on the ground. I don't think I am getting out very well. I have an MFJ-900 tuner and an ant watt meter that has a 200 watt setting as its lowest setting, but it does have a fair up-to 5 watt range. It does move to about 1 watt on my rig. But I can call CQ for hours and never get a bite. I am still looking for that elusive first

QS0.

I am on 40 meters, 7.110 MHz. Help!! How can I get out better?

Do I need a longer wire? Counterpoise?

Vann Lantz, KF4QHJ, AL - VLantz@Juno.Com

QRP-L #1790, AR QRP #241

Ramsey QRP 1 Watt TX, Atlas 210-X RCVR, Long Wire

[Http://members.xoom.com/VLantz/home.htm](http://members.xoom.com/VLantz/home.htm)

"Make fun of life, because life sure is making fun of you!"

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 29 May 1999 09:25:27 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Mighty Mik <mitymik@hooked.net>
Cc: Low Power Group <qrp-l@LeHigh.EDU>, Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>
Subject: [41609] Re: according to MY log...
Message-ID: <Pine.LNX.3.95.990529091330.19677B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good Saturday morning Mightly Mik!....it looks like you'll be receiving a Certificate imho....when the Canadian QRP Spring Bouquet event ends on May 31/99, and all the logs having been e-mailed to Earl, VE6EWM, from the "Flower stations," Earl will then check all the logs and send the information to Mary, WN6HYX, who will then run off a Certificate for each person who has earned one...then Mary will mail the United States certificates and Earl will mail the Canadian certificates as well as any DX certificates....it would help a lot if everyone who believes they have earned a certificate makes sure that Earl and Mary have correct mailing addresses and this can be done now...Earl and Mary is there anything I've missed here?.....please give all a post on this...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

On Fri, 28 May 1999, Mighty Mik wrote:

> I worked 2 flowers...

> 4/10 14.060 VE6EY got 557/sent459 from 20:38 - 20:40z Don QRP-C #112
> 4/18 " VE3HKY 229C/339 15:39 - 15:49z Ross
> QRP-C #48
>
> i don't have a certificate yet...did I or didn't I?

Date: Sat, 29 May 1999 10:46:35 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List)
Subject: [41610] QRM
Message-ID: <199905291546.KAA15791@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Many satellites will be inoperative
> during this period, and hopefully afterwards as well!
>
> 72, Paul NA5N

I think I just heard a radio astronomer make a comment about QRM. :-)

Jim, WD9EYB

Date: Sat, 29 May 1999 11:18:22
From: radioham@erols.com
To: qrp-l@lehigh.edu
Subject: [41611] QRP ARCI Awards
Message-ID: <3.0.1.16.19990529111822.1b576df6@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello everyone-

I have been receiving and issuing a steady stream of QRP ARCI awards over the past several weeks. 95% of them are complete packages and ready for issuance of the award. Unfortunately, several for the 1,000 mile per watt awards have been coming in with an application and cash or check only, but no verification of any kind that the QSO has actually taken place.

I want to remind all award applicants that we do require some form of proof

of contact. The web page (www.qrparci.org) goes into details, but basically we are very liberal and willing to accept electronic verification (copy of an e-mail from the other station confirming the QSO) which you can forward to me electronically or put in the envelope with the application, copy of a QSL card, copy of a letter or just about anything else that shows two way communication has taken place (one way for the SWLers out there). For awards like WAS, DXCC, WAC, etc., where there would be a lot of cards to copy, a list of contacts, band, date, mode, power and a note signed by 2 hams indicating they have seen the cards is adequate. Never send original cards - we cannot guarantee the USPO's performance.

Unfortunately, we do not accept applications without any form of verification. I am not aware of any award issuing organization, such as the ARRL, that does so. It is more a matter of fairness to everyone than trust. Someone could easily fake a QSL card or e-mail these days, but they have to live with their conscience.

I apologize in advance for any inconvenience this may cause any of you.

72/73,

Steve, N4EUK
QRP ARCI Awards Manager

Date: Sat, 29 May 1999 11:55:11 -0500
From: "John Russell" <longjohn@qconline.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [41612] Re: another Father's Day gift
Message-ID: <003401bea9f4\$04bc0d60\$b49cd8d0@longjohn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think I'll stick with my '67 Willy's ambulance, there's nothing like Detroit steel, especially when built like this tank. Let me at the German machine, and when I'm done with it, I even have a couple of built-in stretchers to carry off the survivors ;-) This baby is a classic, it will go anywhere, and it only has 20,000 original miles. All it needs is a good comm setup!!!

John Russell

Date: Sat, 29 May 1999 13:05:06 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [41613] GAP super "C" ?
Message-ID:
<Pine.LNX.4.04.9905291245080.1086-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Did anyone see the Gap super C antenna at dayton? It is three feet high and the collector grid was six feet by six feet. He refered to it as an E.D.R. or E field dominated radiator. It can fit on a porch,Attic or R.V.

Did anyone buy one or use one?

73,

Jim n2go

Date: Sat, 29 May 1999 12:05:34 -0500
From: "John Russell" <longjohn@qconline.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [41614] Re: ARRL Wire Classics
Message-ID: <004601bea9f5\$778f1520\$b49cd8d0@longjohn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For years I put off getting my ticket because I had no interest in learning code... that is until I picked up a copy of QRP Power at a hamfest not too long ago. Being an electronics junkie (I have a 8-track studio with mostly "custom" built equipment) homebrewing my own shack is fascinating to me. And as for ARRL, I hear a lot of complaints that they have become nothing but a publishing house, perhaps, but they are a damn fine publishing house!!!!

John Russell

Date: Sat, 29 May 1999 13:31:18 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [41615] Spring Bucket of Flowers
Message-ID: <19990529.133119.-308017.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everybody:

I just shortened my beam to .15 wave spacing and pointed it toward
alsaka.... whatta messssss....

anyhows I should be able to work most of Canada now.... what freq do I
GET ON TO GET ME FLOWERS FOR MY CAJUN MAMA....

JOEL KE1LA
IN MAINE

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 29 May 1999 13:33:24 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [41616] FS: Gusher Antennas
Message-ID: <199905291733.NAA47560@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

Please delete if you don't want to read a commercial.

Sometimes you win and sometimes the dragon does...

I made up a batch of "economy model" Gusher 20-20's for Dayton
and interest was less than outstanding so I have a bunch left.

So instead of 20 meters for 20 bucks, they are now 20 meters
for 19 bucks or, if you want to give one to a friend you can have
two of them for \$35 postpaid in the US.

As always the Gusher Classic 40-10 monobanders are available for \$23.00 postpaid and the Gusher 2-L mono or multiband model is \$28.00 postpaid.

BTW, if you saw the K2 working dx at the ARCI hospitlaity suite at Dayton, it was feeding a 2-L set up for 40, 20 and 15 meters.

For more info and .JPG pix e-mail me at n2cx@voicenet.com

72/73,

Joe E., N2CX

Date: Sat, 29 May 1999 13:37:19 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <jskalski@localnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41617] Re: GAP super "C" ?
Message-ID: <002c01bea9f9\$e82f08e0\$62768118@jacksonville.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

I was here but did not see it on display. From the patent claims, it has strong similarities to the Crossed-Field Array (CFA) that has been generating a lot of attention lately. For additional information on the CFA see:

<http://www.antennex.com/>

-Paul, W9AC

----- Original Message -----

From: James Skalski <jskalski@localnet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, May 29, 1999 1:05 PM
Subject: GAP super "C" ?

>

> Did anyone see the Gap super C antenna at dayton? It is three feet high

> and the collector grid was six feet by six feet. He referred to it as an
> E.D.R. or E field dominated radiator. It can fit on a porch, Attic or R.V.
>
> Did anyone buy one or use one?
>
> 73,
>
> Jim n2go
>
>

Date: Sat, 29 May 1999 17:53:08 +0100
From: Larry Cahoon <wd3p@juno.com>
To: radioham@erols.com, qrp-1@Lehigh.EDU
Subject: [41618] Re: QRP ARCI Awards
Message-ID: <19990529.175308.4278.0.wd3p@juno.com>

On Sat, 29 May 1999 11:18:22 radioham@erols.com writes:

>verification. I am not aware of any award issuing organization, such
>as
>the ARRL, that does so. It is more a matter of fairness to everyone
>than
>trust. Someone could easily fake a QSL card or e-mail these days, but

There is at least one group that does not require verification. The MARAC
- the county hunters group only
requires verification for the first time you work the counties - that is
actually required by CQ magazine who sponsor the basic award. MARAC give
a host of other awards for such things as working all the counties a 2nd,
3rd, 4th, or 5th time. Any yes some have done it 5 times. Most of those
awards do not require any
form of verification. Now that is not a major organization but it is out
there none the less. You do have to get cards for 3076 counties the
first time before can take advantage of this.

By the way I do like the idea of verification most of the time, at least
for basic awards, even if no one can prove power levels involved.

73 de Larry.....WD3P

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 29 May 1999 11:20:03 -0700
From: Lee Hopper <leehop@uswest.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [41619] 10-meter SSB rig recommendations
Message-ID: <37502FD3.83E57E8A@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everybody. Have a question for you. I'm a tech+ and would like to explore some ssb privileges on 10-meters. Problem is, I don't wanna buy an expensive multiband rig to do that. Would like something like Small Wonder's White Mountain series, but they do 75, 40 & 20 - no 10.

Suggestions, anyone?

Tnx -

Lee Hopper
KD7CTF
Portland, OR, USA

Date: Sat, 29 May 1999 13:36:31 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <vlantz@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41620] Re: Long wire ant help
Message-ID: <004901beaa02\$2d1bb680\$8b37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Vann,

Your antenna isn't the best in the world but I've worked a lot of DX before with less. On 40m with a 65ft wire your basically feeding a halfwave antenna on the end and don't really need much a return wire (counterpoise). As long as your tuner can provide a match you should be okay. If not, a link coupled parallel tuned circuit may provide a better match. See my following Web site to see what I mean:

<http://home.swbell.net/aa5tb/halfwave.html>

At QRP levels your success rate is much much greater when you hunt and pounce rather than call CQ. If your transmitter is crystal controlled you might want to look into making it a VXO (variable crystal oscillator) to give you a little bit of band to play with. Stations will almost always answer you when they hear you answering their CQ. Often when you call CQ with a weaker than normal signal strength people will not respond because they may just think that the propagation path isn't that great even though they can still copy you fine (they probably assume you have a typical 100W station). This generally doesn't hold true on the QRP calling frequencies and on 30m where many of the operators are QRP themselves.

I usually reserve CQs as a last resort.

73,
Steve Yates
AA5TB
Fort Worth, TX
<http://home.swbell.net/aa5tb>
aa5tb@swbell.net

Date: Sat, 29 May 1999 13:22:58 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu, g4wif@btinternet.com
Subject: [41621] Re: ARRL Classics
Message-ID: <37503E91.57735C5E@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tony, I think I would add one more to your list of classic references: "HF Antennas for All Locations" by Moxon.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sat, 29 May 1999 12:31:42 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [41622] 440 Cavity-help
Message-ID: <3750409E.F6D1FE2F@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I really need some advise.

My HTX-404 HT is overwhelmed by the high Gain antenna and GaAs FET Preamp in my RF Concepts 4-32 Linear AMP when I work 440 Repeater 35 miles from me. Hoots, dialing tones, whistles, noise is incredible and disruptive.

To fix this, I want to add one one more 440 cavities at HT input with BNC connector T adapter. First I added the BNC T adapter. I have one port open, and cable going to GaAs FET Preamp. I hear usual noises, signal and QRM.

I want to get the HT usable in RECEIVE MODE first.
Later, I will do the TRANSMIT MODE task.

My question and need to understand:

When HT and GaAs FET Preamp are operating, in Receive Mode, and I hear usual noises and signals, why do the signals all remain exactly the same when I short to ground, the unused port on the BNC T adapter while listening to the Local Repeater?
I expected that shorting the coax cable to ground, thru the unused BNC T port, would silence all signals.
It does not. Disconnecting the cable from GaAs FET Preamp at the HT input, DOES silence the HT.
But shorting the signal to ground thru BNC Adapter does not.
Touching the cable connector shell to HT shell causes NOTHING to be heard.

I suspected signals might be on outside of coax could be entering HT. Do not have correct ferrites, but did install several large diameter cores over coax cable. Did NOT help.
Neither did SPLIT FERRITE suppressor core from Radio Shack.

If shorting the cable to ground cannot suppress incoming signals from local repeater, how can a LOW Z (off resonance) cavity suppress any signal that is off frequency?

Need advise and understanding and methods to diagnose and possible fixes?

This is not even a CAVITY issue yet.

Thank you,
73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Sat, 29 May 1999 13:01:07 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <joebarb@wilmington.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41623] Re: NC-20 muting/sidetone mods
Message-ID: <002501beaa0d\$fd72ab80\$0db865d8@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe,

I am working on another mod to the mod for this. The problem is that the MUTE signal shuts down the AGC completely, and since the product detector is also now connected to the AGC, it shuts down too, leaving you with no "real" sidetone anymore.

The answer is, I think, to duplicate the Q12/Q13 circuitry but without the MUTE bit (don't duplicate R67/D17) to feed the product detector with its own AGC voltage that matches the normal one during RX but that doesn't shut down during TX. I'll post here when/if I get it working well.

Have fun experimenting.

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

> Fellow QRP'ers: After building the NC-20 and doing the AGC mods, I have found that the TiCK keyer sidetone leaves much to be desired. Believe the original NC-20 (before the AGC mods) allowed the operator to monitor the actual transmitted signal, thereby providing a pleasant sine-wave sidetone.

> Has any NC-20 user come up with a mod that retains the AGC modification but allows monitoring of the transmit signal?? Believe this would require "un-muting" the product detector. Any ideas out there to try???

>

> Regards, Joe W2KJ (North Carolina)

Date: Sat, 29 May 1999 15:26:55 -0500
From: George F Franklin <w0av@juno.com>
To: QRP-L@lehigh.edu
Subject: [41624] Frozen Mouse
Message-ID: <19990529.152658.-107571.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not exactly QRP, and not really a frozen mouse, but.....

I am using a 686 Cyrix 200 MHz. setup which worked great with Windows 95, but since I installed Windows 98 the system very frequently "locks" especially when I use the mouse to change the window size. Sometimes it freezes for no apparent reason. The only way to get the computer to function is to hit "reset."

My local computer guru is out of ideas. I have reinstalled Windows 98 several times, to no avail.

Help!!!!!!!!!!

72 de George/W0AV

Date: Sat, 29 May 1999 16:30:52 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [41625] FW: GAP super "C" ?

Message-ID: <000201beaa12\$2e365b00\$5cf8fea9@ggoodroe>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Interesting Antenna !

The web site for the Super C is
<http://www.gapantenna.com/gapantenna/superc.htm>

Check it out.

73 de KF4CPJ

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
James Skalski

Sent: Saturday, May 29, 1999 1:05 PM

To: Low Power Amateur Radio Discussion

Subject: GAP super "C" ?

Did anyone see the Gap super C antenna at dayton? It is three feet high
and the collector grid was six feet by six feet. He refered to it as an
E.D.R. or E field dominated radiator. It can fit on a porch, Attic or R.V.

Did anyone buy one or use one?

73,

Jim n2go

Date: Sat, 29 May 1999 17:17:57 -0400 (EDT)

From: malman@world.std.com (Joel Malman)

To: qrp-l@Lehigh.EDU

Cc: k1qm@arrl.net

Subject: [41626] Adventure Radio Society

Message-ID: <199905292117.AA24104@world.std.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

QRP-L readers might want to check-out the story by Ike Kerschner (N3IK) in the current (June 1999) issue of 'Monitoring Times'.

Ike has a nice little story about the Adventure Radio Society (ARS), Spartan Sprint, etc. There is also a nice photo of QRP-L reader Lorraine Aubert (AC6XK).

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Sat, 29 May 1999 18:31:10 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: leehop@uswest.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41627] Re: 10-meter SSB rig recommendations
Message-ID: <37506AAD.FE33A4E0@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lee:

getting on ten cheap should be easy....Look for the old realistic rigs,most of them can be modified and converted for 10 metres....Look around the yard and garage sales....A snip ,a clip ,and a switch was all that was needed for the UPD858 chip...Just thought I would throw this at you..
Fred VE3FAL

You can do so much with so little...

Lee Hopper wrote:

> Hi, everybody. Have a question for you. I'm a tech+ and would like to explore
> some ssb privileges on 10-meters. Problem is, I don't wanna buy an expensive
> multiband rig to do that. Would like something like Small Wonder's White
> Mountain series, but they do 75, 40 & 20 - no 10.
>
> Suggestions, anyone?
>
> Tnx -
>
> Lee Hopper

> KD7CTF
> Portland, OR, USA

End of QRP-L Digest 1472
